FLOUNDER [illegible]
TAGS
F1844-1899

2481

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. DAY YEAR (9-14)	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2481	032	04 17 74	28AG	3544	7525

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0010	16	—	18	020	N	N	10

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
1	PC	SA	S	FT	070	—	16	045

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	04000	—	—	—

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
							PO	DO
START	35°44'	75°25'	3H5 2950	3H4 1355	10		1603	1605
							PU	ON
FINISH	35°41'	75°24'	—	3H4 1334	12	5.3 mi from beach	1650	1655

LENGTH WARF	SHIFT RPM	PITCH	GEAR DATA:
100	1200/J	10	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

6 Sturgeon Tagged and released
P. dentatus — Negative

R/V DAN MOORE SPECIES LIST

STA. NO. 2481 DATE April 17 19 74 BIOLOGISTS BFH, ABP

TOT.CATCH WT. 4000 Finfish: 4000 Crust.: – Moll.: – Other –

AIR 18C SURFACE 16 S

SPECIES	CODE	NUMBER	WEIGHT	DATA TAKEN	REMARKS
Leiostomus xanthurus			25		
Micropogon undulatus			25		
Mustelis canis			50		
Prionotus evolans			10		
Acipenser oxyrhunchus			200	✓	
* Dasyatis sp.			3000		
P dentatus					

Digitized by the Internet Archive
in 2017 with funding from
IMLS LG-70-15-0138-15

https://archive.org/details/danmoore248100unse

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 248C

Date 4 - 17 - 74

Area of Release 344 1165 / 361 4824 / 3.4 mi. off Beach

LORAN Start ______ ______

Finish ______ ______

Tot. Fish Captured 152

Tot. Fish Tagged 86

No. Retained for analysis 66

Gear Type Yankee 41

Area II

TAG. NO.	Weight Lbs. Ozs.	F.L. (cm)	Species	Remarks
F1814		254		
F1815		317		
F1816		245		
F1817		256		
F1818		253		
F1819		209		
F1820		234		
F1821		252		
F1822		253		
F1823		241		
F1824		250		
F1825		348		
F1826		215		
F1827		348		
F1828		253		
F1829		251		
F1830		237		
F1831		259		
F1832		250		
F1833		246		
F1834		262		
F1835		245		
F1836		257		
F1837		250		
F1838		246		
F1839		237		
F1840		247		
F1841		224		
F1842		269		
F1843		240		
F1844		378		
F1845		272		
F1846		269		
F1847		230		
F1848		344		
F1849		378		
F1850		351		
F1851		250		
F1852		231		
F1853		250		
F1854		349		
F1855		352		

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2481 (continued)

Date 4-17-74

Area of Release

LORAN Start

Finish

Tot. Fish Captured

Tot. Fish Tagged

No. Retained for analysis

Gear Type

TAG. NO.	Weight Lbs.	Weight Ozs.	F.L. (cm)	Species	Remarks
F1856			260		
F1857			245		
F1858			232		
F1859			237		
F1860			230		
F1861			233		
F1862			280		
F1863			250		
F1864			268		
F1865			255		
F1866			242		
F1867			367		
F1868			244		
F1869			248		
F1870			248		
F1871			270		
F1872			262		
F1873			267		
F1874			235		
F1875			244		
F1876			272		
F1877			257		
F1878			248		
F1879			224		
F1880			336		
F1881			352		
F1882			253		
F1883			275		
F1884			228		
F1885			263		
F1886			270		
F1887			261		
F1888			437		
F1889			430		
F1890			236		
F1891			256		
F1892			245		
F1893			271		
F1894			395		
F1895			370		
F1896			225		
F1897			249		

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2481 (continued)

Date 4-17-74

Area of Release

LORAN Start

Finish

Tot. Fish Captured

Tot. Fish Tagged 86

No. Retained for analysis

Gear Type

TAG. NO.	Weight Lbs. Ozs.	F.L. (cm)	Species	Remarks
F1898		390		
F1899		240		

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks WT. g.	
4-1	460	♀	✓	✓				VIII	2450	—	15.8g Area I
4-2	212 ✓	♀	—	—				I	"	100	April 1974
4-3	450 ✓	♀	✓	✓				VII	2451 ✓	—	*8.4g Area I
4-4	527 ✓	♀	✓	✓				III	"	—	*14.6 (II ?) April 1974
4-5	269	♂	✓	—				—	2481	190	Area II
4-6	249	♀	✓	—				I	"	155	April 1974
4-7	248	♀	✓	—				I	"	150	
4-8	264	♀	✓	—				I	"	160	
4-9	250	♀	✓	—				I	"	150	
4-10	240	♀	✓	—				I	"	135	
4-11	256	♀	✓	—		—		I	"	170	
4-12	263	♂	✓	—				—	"	190	
4-13	228	♀	✓	—				I	"	110	
4-14	225	♀	✓	—				I	"	120	
4-15	242	♀	✓	—				I	"	145	
4-16	235	♀	✓	—				I	"	135	
4-17	231	♂	✓	—				—	"	125	
4-18	234	♀	✓	—				I	"	135	
4-19	261	♀	✓	—				I	"	185	
4-20	240	♂	✓	—				—	"	155	
4-21	237	♂	—	—				—	"	135	
4-22	215	♀	✓	—				I	"	100	
4-23	253	♀	✓	—				I	"	160	
4-24	226	♀	✓	—				I	"	115	
4-25	253	♂	✓	—				—	"	170	
4-26	341	♂	✓	—				—	"	385	
4-27	264	♀	✓	—				I	"	175	
4-28	258	♀	✓	—				I	"	190	
4-29	257	♀	✓	—				I	"	165	
4-30	237	♀	✓	—				I	"	140	
4-31	257	♂	✓	—				—	"	175	
4-32	233	♀	✓	—				I	"	135	
4-33	267	♀	✓	—				I	"	195	
4-34	248	♀	✓	—				I	"	160	
4-35	257	♂	✓	—				—	"	170	
4-36	249	♀	✓	—				I	"	150	
4-37	252	♀	✓	—				I	"	165	
4-38	268	♀	✓	—				I	"	195	
4-39	221	♀	✓	—				I	"	120	
4-40	263	♀	✓	—				I	"	170	
4-41	212	♂	✓	—				—	"	110	
4-42	258	♀	✓	—				I	"	170	
4-43	237	♀	✓	—				I	"	150	
4-44	346	♂	✓	—				—	"	410	
4-45	211	♂	✓	—				—	"	105	
4-46	257	♀	—	—				I	"	180	
4-47	239	♀	✓	—				I	"	145	
4-48	234	♀	✓	—				I	"	140	

Species: P. dentatus

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number 2481	Remarks wT g.	
4-49	252	♀	✓	—				I	"	170	Area II
4-50	237	♀	✓	—				I	"	135	April 1974
4-51	210	♂	✓	—				—	"	105	
4-52	213	♀	✓	—				I	"	115	
4-53	262	♀	✓	—				I	"	185	
4-54	257	♂	✓	—				—	"	170	
4-55	263	♂	✓	—				—	"	190	
4-56	244	♀	✓	—				I	"	150	
4-57	251	♀	✓	—				I	"	160	
4-58	248	♀	—	—				I	"	165	
4-59	253	♀	✓	—				I	"	165	
4-60	232	♂	—	—				—	"	130	
4-61	227	♂	✓	—				—	"	130	
4-62	246	♂	✓	—				—	"	145	
4-63	265	♀	✓	—				I	"	210	
4-64	253	♀	✓	—				I	"	165	
4-65	235	♂	✓	—				—	"	140	
4-66	224	♀	✓	—				I	"	110	
4-67	236	♀	✓	—				I	"	130	
4-68	248	♀	✓	—				I	"	165	
4-69	228	♂	✓	—				—	"	115	
4-70	209	♀	✓	—				I	"	95	
4-71	420 ✓	♀	✓	✓				VI	2462	745	110.3 g (II?)
4-72	425 ✓	♀	✓	✓				VII	"	855	[illegible] Area I
4-73	320 ✓	♂	✓	—				—	"	350	April 1974
4-74	486 ✓	♀	✓	✓				VII	2453	1300	113.1 g Area I
4-75	355 ✓	♀	✓	✓				I	"	510	2.0 g April 74
4-76	207	♀	✓	—				I	2457-2461	90	Area I
4-77	204	♂	✓	—				—	"	85	April 1974
4-78	172	♂	✓	—				—	"	65	
4-79	204	♀	✓	—				I	"	90	
4-80	167	♂	✓	—				—	"	50	
4-81	162	♂	✓	—				—	"	50	
4-82	170	♂	✓	—				—	"	55	
4-83	257	♀	✓	—				I	"	175	
4-84	273	♂	✓	—				—	"	230	
4-85	199	♀	✓	—				I	"	90	
4-86	192	♀	✓	—				I	"	95	
4-87	182	♂	✓	—				—	"	65	
4-88	211	♀	✓	—				I	"	100	
4-89	232 ✓	♀	✓	—				I	2479-2480	115	Area II
4-90	226 ✓	♂	✓	—				—	"	110	April 1974
4-91	263 ✓	♀	✓	—				I	"	180	
4-92	257 ✓	♀	✓	—				I	"	165	
4-93	236 ✓	♀	✓	—				I	"	135	
4-94	273 ✓	♀	✓	—				I	"	185	

40

Length-frequency distribution

Species P. dentatus

Station 2451

Date April 17, 1974

Locality: 2

T.L.	Unsexed		♂		♀		T.L.
100 - 104.9							600 -
110 -							610 -
120 -							620 -
130 -							630 -
140 -							640 -
150 -							650 -
160 -							660 -
170 -							670 -
180 -							680 -
190 -							690 -
200 -	𝍷	①			𝍷	①	700 -
210 -	𝍷	①	𝍷𝍷𝍷	③	𝍷𝍷	②	710 -
220 -	𝍷𝍷𝍷	③	𝍷𝍷	②	𝍸	⑤	720 -
230 -	𝍸 𝍸	⑩	𝍷𝍷𝍷𝍷	④	𝍸 𝍷𝍷𝍷𝍷	⑨	730 -
240 -	𝍸 𝍸 𝍸 𝍷	⑯	𝍷𝍷	②	𝍸 𝍷𝍷𝍷𝍷	⑨	740 -
250 -	𝍸 𝍸 𝍸 𝍸 𝍷	㉑	𝍷𝍷𝍷𝍷	④	𝍸 𝍸 𝍷𝍷	⑫	750 -
260 -	𝍸 𝍷𝍷𝍷𝍷	⑨	𝍷𝍷𝍷	③	𝍸 𝍷𝍷𝍷	⑧	
270 -	𝍸 𝍷	⑥					
280 -	𝍷	①					
290 -							
300 -							
310 -	𝍷	①					
320 -							
330 -	𝍷	①					
340 -	𝍸	⑤	𝍷𝍷	②			
350 -	𝍷𝍷𝍷	③					
360 -	𝍷	①					
370 -	𝍷𝍷𝍷	③					
380 -							
390 -	𝍷𝍷	②					
400 -							
410 -							
420 -							
430 -	𝍷	①					
440 -							
450 -	𝍷	①					
460 -							
470 -							
480 -							
490 -							
500 -							
510 -							
520 -							
530 -							
540 -							
550 -							
560 -							
570 -							
580 -							
590 -							

Unsexed - 86

♂ - 20

♀ 46

152

Sheet 1 of 1

Grid 28 AG

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2481

Tot. Fish Captured 6

Date 4/17/74

Tot. Fish Tagged 6

Area of Release End of 2481

No. Retained for analysis 0

LORAN Start 3H4 1355 3H5 2950 10 FMS

Gear Type Yankee 41

Finish 1334 — 12FMS

35°41' 75°24'

48
6
54

60
70.5

TAG. NO.	Weight		F.L.	Species	Remarks
	Lbs.	Ozs.	(cm)		
B00744	102.4 cm		3'-4"	a. oxyrhyncus	
B00747	138.2 "		4'-6"	"	
B00748	138.2 "		4'-6"	"	
B00750	182.9 "		6'-0"	"	
B00751	180.5 "		5'-10½	"	
B00752	130.6 "		4'-3"	"	

2481